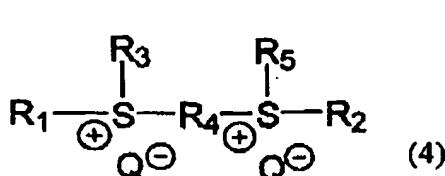
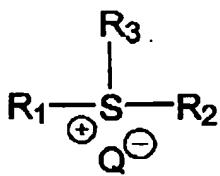
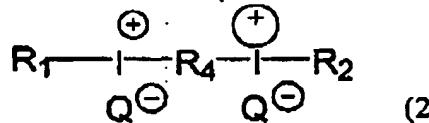
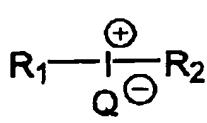


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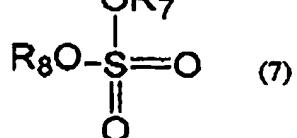
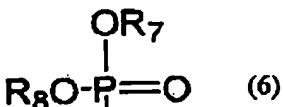
A) Amendments to the Claims:

1. (currently amended) A method for producing an onium salt derivative, characterized by comprising reacting an onium salt derivative which has a halide Q as an anion moiety and which is represented by any one of formulas (1) through (4):



wherein each of R₁, R₂, R₃, and R₅ represents an alkyl group, a cycloalkyl group, a perfluoroalkyl group, an aromatic organic group, an aralkyl group, or a phenacyl group, each of these groups having ≤25 carbon atoms and being optionally substituted; one or both of the pairs of R₁ and R₃, and R₂ and R₅ may together form a divalent organic group; R₄ represents a C≤20 divalent organic group; and Q represents a halide anion,

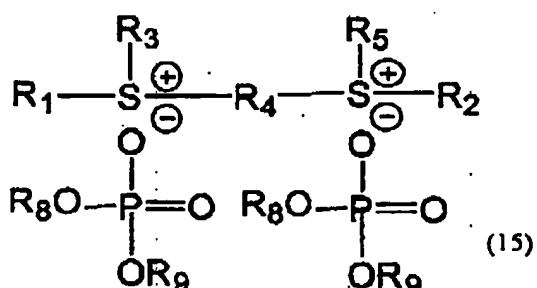
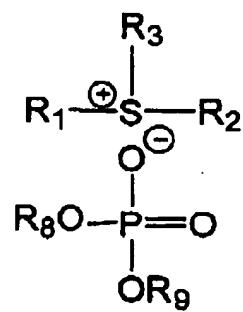
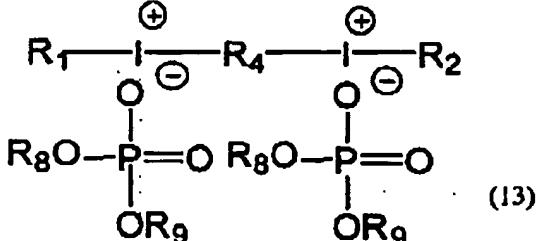
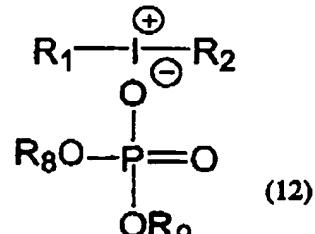
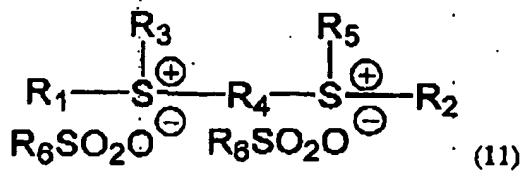
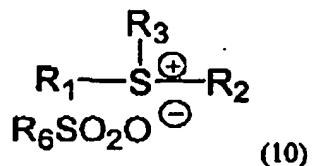
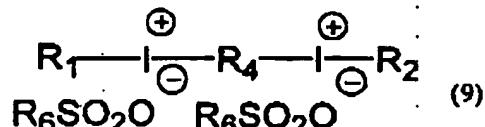
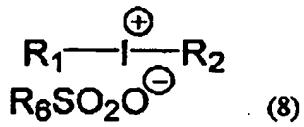
with an ester compound which has an alkyl group R, and which is represented by any one of formulas (5) through (7):



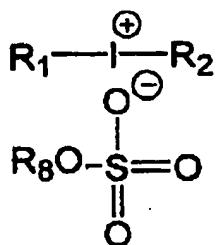
wherein R₆ represents an alkyl group, a cycloalkyl group, a perfluoroalkyl group, an aromatic organic group, or an aralkyl group, each of these groups having ≤25 carbon atoms and being optionally substituted; R₇ represents an alkyl group, having ≤5 carbon atoms and being optionally substituted; and each of R₈ and R₉ represents an alkyl group, a cycloalkyl group, a perfluoroalkyl group, or an aralkyl group, each of these groups having ≤10 carbon atoms and being optionally substituted,

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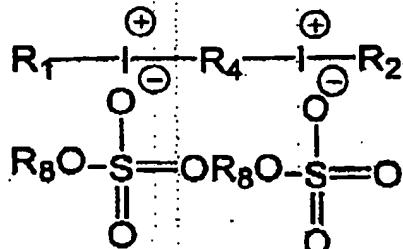
to thereby form R₇Q through nucleophilic attack by the halide Q on the alkyl group R₇ of the ester compound, and to also produce an onium salt derivative which is formed of an anion represented by an any one of R₆SO₂O⁻, PO₄R₈R₉⁻, PO₄R₈R₉⁻, and R₈SO₄⁻ derived from the ester compound and an onium cation derived from the onium salt, an onium salt derivative represented by one of formulas (8) through (19).



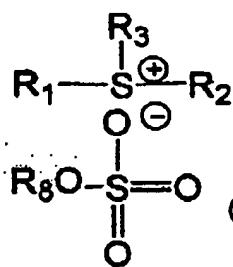
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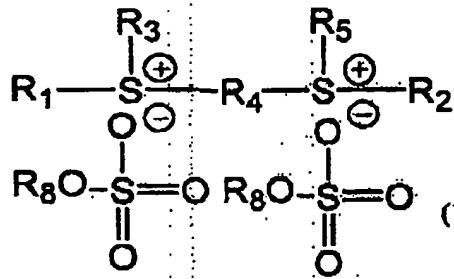
(16)



(17)



(18)



(19)

2. (cancelled)

3. (original) A method for producing an onium salt derivative according to claim 1,
wherein reaction is carried out while removing generated R₂Q from the reaction system.

4. (previously amended) A method for producing an onium salt derivative according
to claim 1 or 3, wherein the reaction is carried out in a solvent.

5. (cancelled)

6. (cancelled)

7. (cancelled)

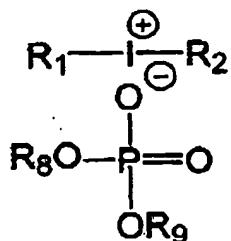
8. (cancelled)

9. (cancelled)

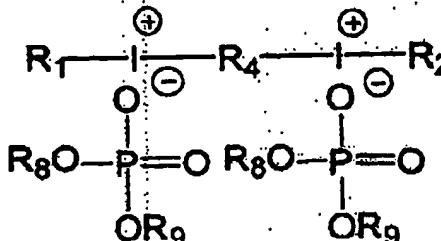
10. (cancelled)

11. (previously amended) An onium compound which has a phosphate derivative as
an anion moiety and which is represented by any one of formulas (12) through (15):

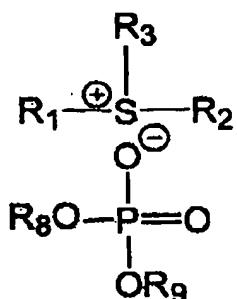
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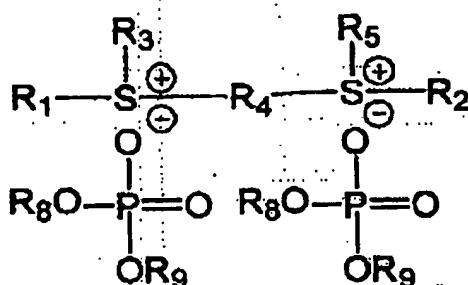
(12)



(13)



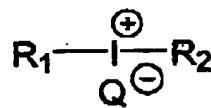
(14)



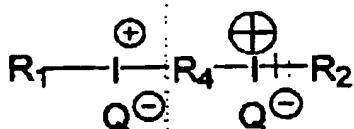
(15)

wherein each of R_1 , R_2 , R_3 , and R_4 represents an alkyl group, a cycloalkyl group, a perfluoroalkyl group, an aromatic organic group, an aralkyl group, or a phenacyl group, each of these groups having ≤ 25 carbon atoms and being optionally substituted; one or both of the pairs of R_1 and R_3 , and R_2 and R_4 , may together form a divalent organic group; R_4 represents a $C \leq 20$ divalent organic group; and each of R_8 and R_9 represents an alkyl group, a cycloalkyl group, a perfluoroalkyl group, or an aralkyl group, each of these groups having ≤ 10 carbon atoms and being optionally substituted.

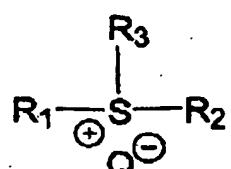
12. (currently amended) A method for producing an onium salt derivative, characterized by comprising reacting an onium salt which has a halide Q^- as an anion moiety and which is represented by any one of the following formulas (1) through (4):



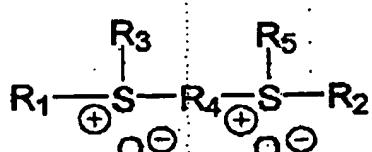
(1)



(2)



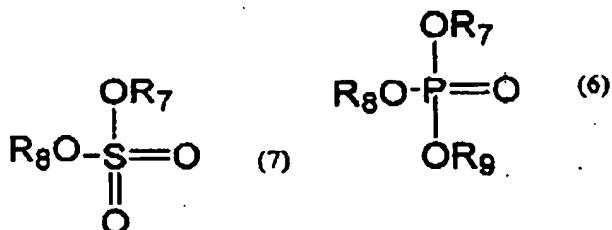
(3)



(4)

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wherein each of R₁, R₂, R₃, and R₄ represents an alkyl group, a cycloalkyl group, a perfluoroalkyl group, an aromatic organic group, an aralkyl group, or a phenacyl group, each of these groups having ≤25 carbon atoms and being optionally substituted; one or both of the pairs of R₁ and R₃, and R₂ and R₄ may together form a divalent organic group; R₅ represents a C≤20 divalent organic group; and Q represents a halide anion or a C≤10 carboxylate anion, with an ester compound which has an alkyl group R₇ and which is represented by any one of formulas (6) or (7):



wherein R₇ represents an alkyl group, having ≤5 carbon atoms and being optionally substituted; and each of R₈ and R₉ represents an alkyl group, a cycloalkyl group, a perfluoroalkyl group, or an aralkyl group, each of these groups having ≤10 carbon atoms and being optionally substituted;

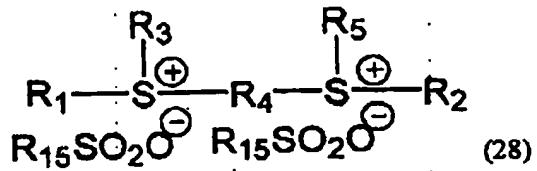
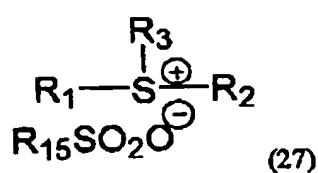
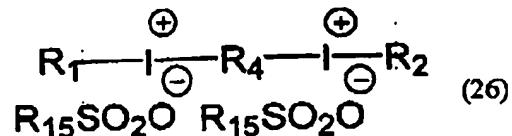
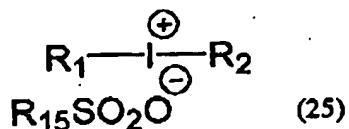
to thereby form R₅Q through nucleophilic attack by the halide Q on the alkyl group R₇ of the ester compound, and to also produce an onium salt derivative which is formed of an anion represented by an one of R₅SO₂O⁻, PO₄R₈R₉⁻, PO₄R₈R₉²⁻, and or R₅SO₄⁻ derived from the ester compound compound and an onium cation derived from the onium salt , an ; and reacting the onium salt derivative and with a sulfonic acid derivative represented by formula (24):



wherein R₁₅ represents an alkyl group, a cycloalkyl group, a perfluoroalkyl group, an aromatic organic group, or an aralkyl group, each of these groups having ≤25 carbon atoms and being optionally substituted; and Y represents a hydrogen atom, an alkali metal, or ammonium,

to thereby cause salt exchange and yield an onium salt derivative represented by one of formulas (25) through (28).

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13. (previously submitted) A method for producing an onium salt derivative according to claim 12, wherein each of R_1 , R_4 and R_5 is a methyl group or an ethyl group.